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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Fuchs et al.  
Serial No: 10/821,664  
Confirmation No: 8791  
Filed: April 9, 2004  
For: ADVANCED MICROFLUIDICS  
Examiner: Not Yet Assigned  
Art Unit: 1634

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Signature

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P.O. Box 1450  
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**PRELIMINARY AMENDMENT**

Sir:

Prior to examination of the application and prior to calculating claim fees, please amend the above-identified application as follows.

**Amendments to the Specification** begin on page 2 of this amendment.

**Amendments to the Drawings** begin on page 4 of this amendment.

**Amendments to the Claims** begin on page 5 of this amendment.

**Remarks** begin on page 12 of this amendment.

An **Appendix** including thirteen (13) Replacement Sheets Figure 1-25 and an Annotated Sheet Showing Changes are attached following page 6 of this amendment.